



### This week's big news



#### Helping after the storm



Celebrity chef José Andrés and his non-profit group, World Central Kitchen (WCK), made hot meals for people in Louisiana affected by the storm. WCK has served more than 50 million meals around the world. "Food cannot wait," Andrés told the *Today* show. "People must eat today, not next week, not next month."

# Hurricane Ida causes further damage

After the powerful Hurricane Ida hit the southern US on August 29, it kept moving and struck several Northeastern states, causing extensive damage there. The storm produced massive amounts of rain and winds that blew at speeds of up to 150 mph.

#### What happened?

Ida, one of the most powerful hurricanes to ever hit the US, first struck Louisiana, Mississippi, and Alabama. Then, on September 1, the storm tore across New York, New Jersey, Connecticut, and Pennsylvania. Ida dumped record-breaking rainfall of up to 10 inches in some areas and triggered flash flooding (floods that happen suddenly). Water gushed

into New York City subway stations and tunnels, shutting down the entire system. More than 150,000 homes in the Northeast lost power due to Ida's winds and rain. Many meteorologists (weather experts) called Ida a "100-year storm," which means there is a 1% chance of a storm that big happening in any one year.

#### What damage did Ida cause?

In the South, nearly 1.1 million people lost power, including the entire city of New Orleans, Louisiana.

Many houses were damaged or destroyed. About 75% of all structures were ruined in one part of the state, leaving 14,000 people without homes. In New York City, 234 public school buildings were damaged. The storm smashed in doors in waterfront apartments in New Jersey. About 500 vehicles were left on flooded highways, and at least 17 trains could not move because of the floods. At least 82 people died, including 26 in Louisiana, 25 in New Jersey, 16 in New York, and four in Pennsylvania. Officials estimated the damage at about \$95 billion nationwide, making it the seventh most expensive storm since 2000.

#### How did people respond?

As flooding damaged the Northeast, people rushed to help, including volunteers who handed out food and drinking water. Firefighters in New York City walked in chest-deep water to rescue about 113 people. In Pennsylvania, workers performed water rescues of

thousands of stranded people. About 400 people were housed in temporary Red Cross shelters throughout New Jersey, New York, and Pennsylvania. New Jersey Governor Phil Murphy said the state would distribute \$10 million in grants to help small businesses rebuild after the

Cleaning up

in New Jersey

storm. On September 10, New York City Mayor Bill de Blasio announced changes to storm preparation going forward. The city will send workers door to door to evacuate people and issue stronger warnings to people in basement apartments.

#### How is climate change connected?

Weather experts and government leaders are increasingly concerned that severe storms are driven by climate change (long-term changes in weather patterns, including temperature, largely due to human activities). Studies have shown that rising temperatures are causing heavier rainstorms. The strongest storms have produced 55% more rainfall than they did in the mid-1900s.

#### What will happen next?

When The Week Junior went to press, power had been restored to most of New Orleans but was still out for about 100,000 homes and businesses in surrounding areas. While many people who evacuated had returned, cleanup was expected to continue for many months. Leaders in affected states said they are counting on funds from the US government to help with cleanup. Fridays for Future, an environmental group founded by Greta Thunberg, is planning a Global Climate Strike in locations around the world on September 24. The event will raise awareness of climate change and urge elected officials to take action.

# Mars rover collects first rock samples

ASA, the US space agency, has confirmed that its Perseverance rover (wheeled robot) collected its first two rock samples from the surface of Mars. If the samples are successfully brought to Earth, they will be the first pieces of rock on this planet that were drilled on another one.

To take the samples, which are slightly thicker than a pencil, the rover's robotic arm drilled into a rock. After the first one was extracted, the agency tweeted "I've got it!" NASA named that sample Montdenier. Two days later, the rover took the second sample, which NASA calls Montagnac.

Perseverance landed on Mars on February 18 with a mission to search for signs of life on the planet. The rover was able to get these samples after an unsuccessful attempt to drill for one in August. The name Perseverance means to keep going in spite of obstacles or difficulties.

Perseverance will leave these samples on the surface of Mars for another rover to collect and bring back to Earth to be studied. They are expected to arrive sometime before 2030.





# Jewish holidays observed

Jewish people around the world celebrated the High Holidays this month. The holidays began with Rosh Hashanah on September 6–8 and ended with Yom Kippur on September 15–16.

Rosh Hashanah, which means "head of the year" in the Hebrew language, is the start of the Jewish New Year. This year is 5782 in the Hebrew calendar. On the first day of Rosh Hashanah, families join together to eat traditional dishes like brisket (a beef dish), challah bread, pomegranate, and apples dipped in honey.

An important part of the holiday is the blowing of the shofar, an instrument traditionally made from a ram's horn. This marks the start of the Ten Days of Awe, or the Days of Repentance. Jewish people believe that their actions during these 10 days influence God's plan for them. During this

time, people reflect on their behavior and seek forgiveness for anything they've done wrong.

After 10 days there is another holiday called Yom Kippur, which is the Day of Atonement. This is the holiest day of the Jewish year. Many Jews fast (do not eat or drink) for 25 hours and spend time in prayer.

Traditionally on the High Holidays, Jewish people gather in synagogues (places of worship). Last year, most celebrations were virtual because of the pandemic. This year, many synagogues held in-person services—often outdoors, with social distancing and other precautions. "I am looking forward to the energy of a bustling building and the sound of the congregation singing together again," said Rabbi Hannah Goldstein from Washington, DC.



### IT'S AN AMAZING WEEK FOR...

#### A SUPER SALE

Spider-Man has set a record. A copy of the first comic in which he appeared sold at auction for

\$3.6 million, making it the most expensive comic book sale ever. Amazing Fantasy number 15 came out in 1962 and introduced readers to Peter Parker as he became a

superhero.





#### A TRIP TO THE LIBRARY

Library-goers were in for a fun surprise when a family of ducks waddled through the University of Nottingham library in the UK. The mother and her ducklings, who followed along in single file, came in through an open door and were gently ushered out by a staff member.

#### **FINISHING FIRST**

Taste of Maine restaurant in Woolwich, Maine, won the 2021 contest for the best lobster roll in the state. For 43 years, the eatery has been serving its dish the same way: lobster meat and light mayo on a toasted, buttered roll, available in two sizes. Diners should come hungry: The large is 21 inches long with a pound of lobster.



### **National news**



#### **Monument Avenue today**

After the Robert E. Lee statue was removed, the only statue left on Richmond's Monument Avenue was one of Arthur Ashe



(1943–1993). A Black man born in Richmond, he became a tennis legend and advocated for equal rights. The 12-foot-tall statue, erected in 1996, shows him addressing a group of children.

### Robert E. Lee statue removed in Richmond

Astatue of Robert E. Lee has been removed from Richmond, Virginia. Lee led the army for the Confederacy, the 11 states that fought to preserve slavery during the Civil War (1861–65). The 21-foot-tall statue of Lee on a horse had been in Richmond, the capital of the Confederacy, for 131 years. It was located, with 14 other Confederate statues, on a major street called Monument Avenue.

#### What happened?

In the summer of 2020, protests for racial justice took place around the world, including in Richmond. Many people felt the Richmond monuments glorified America's history of slavery and called for their removal. In June 2020, Ralph Northam, Virginia's governor (top leader), ordered the statues removed. All but one of them were

taken down, but a group of Richmond residents filed a lawsuit (legal dispute) to prevent the Lee statue from being removed. On September 2, the Virginia Supreme Court (highest court in the state) approved Northam's plan. A construction crew removed the Lee statue on September 8.

#### What was the reaction?

Hundreds of activists and onlookers who supported the statue's removal celebrated as a crane lifted it off its pedestal (base). People who opposed the removal said the statue was a piece of art and that taking it down would erase part of Virginia's history. Delores McQuinn, a Virginia lawmaker who sponsored legislation to take the statues down, expressed hope that the removal would bring progress and change.

#### What about the time capsules?

Experts expected to discover a time capsule buried in or around the statue's pedestal. It was thought to contain about 60 Confederate artifacts, including money and uniform buttons. Workers searched for about 12 hours but couldn't find it. A new time capsule was placed within the pedestal on September 11. The stainless steel box holds 39 items representing the present day, including a Black Lives Matter sticker and an expired Covid-19 vaccine.

#### What will happen next?

The Lee monument will remain in a storage facility until the state determines what should be done with it. Northam said he would seek input from the public on the statue's future.

### WORD HE WEEK

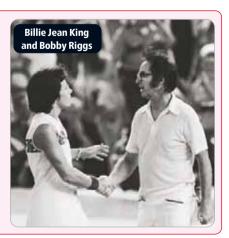
When fossils of a large mammal that looked

like an elephant with long curved tusks were discovered, the creature was given the Russian name mamont. The name probably came from a Siberian word meaning "earth horn." In the 18th century, mamont came into English as "mammoth."

### THE WEEK IN HISTORY

### **September 20, 1973**

Battle of the Sexes tennis match held On September 20, 1973, Billie Jean King defeated Bobby Riggs in a tennis match that was called the Battle of the Sexes. Riggs believed that women were not as skilled as men at playing tennis and said he could defeat any woman. The match was watched on TV by more than 90 million people in more than 30 countries. King easily won, and Riggs said afterward that he had underestimated her.



### **National news**





### Vaccine mandates announced

The Los Angeles public school district in California announced that all students ages 12 and older must get a Covid-19 vaccine to attend in-person learning. Eligible students who aren't vaccinated by January will be offered remote learning. It is the largest school system to issue a vaccine mandate. On September 9, President Joe Biden issued a mandate requiring more than 66% of the US workforce to get a Covid-19 vaccine.



### Tennessee offers trees to plant

The state of Tennessee announced it is accepting orders from landowners for free tree and shrub seedlings. The seedlings are intended to help the state's forestry division meet its goal of replanting trees where they have been cut down and support conservation projects. Landowners can apply for seedlings until April 2022 or as long as supplies last.



### Famous butter sculptor retires

Artist Linda Christensen has carved her last "butterhead" for the Minnesota State Fair. For 50 years, Christensen, age 79, sculpted the fair's dairy princesses out of 90-pound blocks of butter. She and her subject worked in a refrigerated room while thousands of fair-goers passed by to watch. Some of her sculptures have been preserved for decades. Sculptor Gerry Kulzer has been named Christensen's successor.



### Government aims to protect Alaska bay

A sockeye

The US government took a major step toward protecting an area of Alaska wilderness that is home to the world's largest population of sockeye salmon. On September 9, the Environmental Protection Agency (EPA, the US agency that protects the environment) asked a district court to reject a previous decision that would have allowed a large gold mine to be built in Bristol Bay.

Bristol Bay (located about 200 miles from Anchorage, the largest city in Alaska) has large populations of salmon. Moose, brown bears, freshwater seals, beluga whales, and more than 190 bird species also live there.

In addition, the region contains huge underground deposits of gold and copper.
A company called Pebble
Limited Partnership has tried for more than 10 years to build a mine in Bristol Bay where those n

mine in Bristol Bay where those materials could be extracted from the Earth. The company said the project could create one of the world's most valuable mines, worth at least \$300 billion. In 2019, the administration of President Donald Trump dismissed concern that a mine would harm the environment and withdrew federal protection from Bristol Bay. The company planned to dig a hole more than a mile wide and a third of a mile deep to harvest the gold, copper, and other metals.

A group of conservationists (people who work to protect animals and the environment), Alaska  $\,$ 

native tribes, and fishing organizations joined together to oppose the

company's plan. Scientists said building and operating the mine would permanently damage more than 130 miles of streams, 2,800 acres of wetlands, and 130 acres of open water.

If the court agrees with the EPA, the government will protect Bristol Bay under the Clean Water Act. But that action could be

reversed by future Presidential administrations. As a result, some US lawmakers have shown support for passing a law in Congress that would permanently ban development in Bristol Bay.

### THE WEEK'S SILLIEST HEADLINE

"Black bear sneaks away with an Amazon package" USA Today



### Around the world



#### Svalbard, Norway **Government limits tourists**

The government is set to restrict tourism on the Svalbard islands, between Norway's northern coast and the North Pole. Proposed changes include limiting passengers on cruise ships and areas the ships can visit. Norway's Environment Agency said the plans will "protect the vulnerable nature in Svalbard" from increased tourism.



#### Hellisheidi, Iceland Air-cleaning machine begins working

On September 8, the first machine of its kind designed to capture carbon dioxide (CO<sub>2</sub>) from the air began working. Named Orca, it filters CO<sub>2</sub>, a greenhouse gas, out of the air. The CO2 is then mixed with water and injected in the ground, where it turns into rock. The machine is expected to draw about 4,400 tons of CO<sub>2</sub> from the air each year as part of an effort to reduce levels of it in the atmosphere and help fight climate change.



#### **Andalucia, Spain Thousands flee wildfires**

Wildfires have spread across southern Spain, forcing thousands of people to flee their homes. The fires began on September 7 in the mountains above the town of Estepona. On September 12, the government deployed the army to help thousands of firefighters and emergency workers put out the flames. People who had evacuated took shelter in a nearby sports center, and volunteers brought them bottled water and supplies.



#### **Beirut, Lebanon** New leader announced

Najib Mikati has become the new prime minister of Lebanon, ending months of uncertainty. Lebanon has been looking for a new government since former prime minister Hassan Diab resigned after a huge chemical explosion in Beirut on August 4, 2020. Mikati has been prime minister twice before. He says his first priority will be the financial crisis the country is facing.



People are mourning the loss of national hero Orie Rogo Manduli, who died at age 72 after a short illness. Manduli was famous for her role in politics, for becoming Kenya's first woman rally driver (a type of race car sport), and for her sense of style. She was influential to young women, whom she encouraged to be courageous. President Uhuru Kenyatta described her as a "trailblazer who fought tirelessly" to empower women.





LAMY (4); SHUTTERSTOCK (4); HONGSEONG GUN OFFICI

### **Around the world**





### Berlin, Germany New museum is criticized

The Humboldt Forum, a new museum with about 20,000 objects from around the world, is being criticized. About 15 years ago, the German government demolished what remained of the Palace of the Republic to rebuild it, costing at least \$760 million. Critics are unhappy with the cost and said some artifacts were unfairly taken by Germany.



### Moscow, Russia Smoke alarms go off on space station

Russia's space agency Roscosmos said smoke alarms went off in its area of the International Space Station (ISS) at 1:55 am on September 9. Astronauts said they could smell burning plastic, which wafted to the US area of the ISS. Crew members turned on air filters and were able to go back to sleep once the smell had gone. Roscosmos said all systems were back to normal and the crew will carry on with its work.



### South Korea Rescue dog is honored for saving owner

Baekgu, age 4, was named South Korea's first honorary rescue dog, for saving his 90-year-old owner. The owner had fallen in a rice field, and Baekgu is credited with keeping her warm until help arrived. Authorities were able to discover the woman when a drone picked up on Baekgu's body heat. Baekgu's owner is now recovering, and Baekgu was given a wreath of flowers in a special ceremony.



### Dhaka, Bangladesh Schools reopen after 18 months

Young people returned to school for the first time in 18 months, after schools were closed for 543 days due to the pandemic. Schools were decorated with balloons, and students were welcomed with sweets. One student, Zarif Raihan, told *Al Jazeera* news, "Things have changed a lot, but the joy of being in school remains the same."



### Uzbekistan Giant dinosaur species is discovered

Researchers have discovered an enormous new species of dinosaur in Uzbekistan that lived about 90 million years ago. Named *Ulughbegsaurus uzbekistanensis*, it was 26 feet long and weighed 2,200 pounds. Scientists said it could have been about twice the length and five times the weight of a tyrannosaur, which means it would have been the apex (top) predator.



### The big debate

Should all pets be microchipped?

Rabbits are the third most popular pet in America, after dogs and cats, according to the Humane Society.

Some people say that every pet should have this device in case it gets lost.

### What you need to know

- A microchip is a device about the size of a grain of rice that's inserted under a pet's skin. It has a unique code. If the pet gets lost, a veterinarian or animal shelter can scan the microchip and match the pet to its owner.
- In England, Wales, and Scotland, pet dogs are microchipped by law. No US states require microchipping pets.
- Nine states and the District of Columbia have laws that require animal shelters to scan for a pet's microchip and contact the owner.

One in three pets will go missing in their lifetime. There is something that can help them get back home—microchipping. Studies show that microchipped pets have a much better chance of being reunited with their owners. For this reason, the American Veterinary Medical Association recommends that veterinarians suggest that owners have their pets microchipped. However, no states in the US currently require it. Some animal advocates think microchipping should be the law. Others say it should be up to the owner to decide. What do you think? Should pets have to be microchipped?



#### Yes—all pets should be findable

Making microchipping mandatory is what's best for the pet. Since a law was passed in the UK in 2016 requiring dog owners to microchip their pets, more than 90% of dogs there have been chipped. In the US, a study showed that lost dogs that are microchipped have a 238% greater chance of making it home to their owners. Microchipping is not just for dogs either. It can help all kinds of pets, including escape artists like cats and rabbits. The device is painless and easy to insert into the pet. It also can't be lost or removed, like a tag can. And it provides peace of mind for owners, who know a lost animal can be easily returned to them.

#### No-owners should get to decide

Whether or not to microchip a pet should be up to the owner. Microchipping sounds like a good idea, but there are problems with the system that need to be addressed first. Most states don't require vets or animal shelters to scan microchips—so even if pets have the chips, they could be pointless. Also, many people don't have the right information attached to their microchip. They change phone numbers, for example, and forget to update the microchip. So they might not be reachable if their pet gets lost. Finally, not all animals are active and at the same risk of getting lost. It's a waste of money and time to microchip every pet.

### Three reasons why all pets should be microchipped

- Microchipping gives lost pets the best chance of being returned to their home. It's good for the animal and the owner.
- Microchipping is painless and easy. It doesn't hurt the pet to insert it.
- 3 A microchip can't fall off a pet or be removed from its collar the way an identification tag can.

### Three reasons why all pets should not be microchipped

- Owners should be trusted to decide what's right for their pet.
- 2 Some pets with microchips still go missing. It's not a perfect system. Until it's improved, it's not worth it.
- Not every pet is at the same risk of getting lost. It would be a waste to microchip them all.

#### **DEBATE RESULTS**

In our last debate, we asked if there should be social media just for kids. Most of you thought this was a good idea, but many of you said no.

### **Wha**

### What do you think?

Now that you've read a bit more about this issue, have a parent or guardian visit <a href="mailto:theweekjunior.com/polls">theweekjunior.com/polls</a> with you so you can vote in our debate. Vote YES if you think all pets should be microchipped or NO if you don't. We'll publish the results next week.

**The goal of the big debate** is to present two sides of an issue fairly in order to stimulate discussion and allow our readers to make up their minds. The views on this page do not reflect those of *The Week Junior*, and the page is not funded by third parties.

### **People**

# **Surfing to stardom**

Disney star Peyton Elizabeth Lee is ready for her new role as a teen genius.

Peyton Elizabeth Lee can't remember a time when she didn't want to act. "I loved the idea of storytelling and being able to connect with people from miles and miles away," Lee told *The Week Junior*. At age 17, she's already starred in Disney Channel shows and movies. Now she's taking

the lead again in the new series *Doogie Kameāloha, M.D.*, which is streaming on Disney+.

Inspired by the hit TV
series Doogie Howser, M.D. that
aired from 1989 to 1993, this
coming-of-age comedy follows Lahela
"Doogie" Kameāloha (played by Lee), a
16-year-old genius living and surfing in
Hawaii. Juggling life as a teenage doctor,
Lahela finds support among friends and
from her silly yet caring "ohana" (which
means "family" in Hawaiian).

It was important to Lee that the medical aspects of the show looked real. She did research beforehand and had guidance from an on-set doctor during medical scenes. The show was filmed in Hawaii, so

Lee got to know the people and the

culture there. She said this helped capture the spirit of Hawaii that's at the heart of the show.

Lee, who is best known for her role as Andi in the 2017 Disney series *Andi Mack*, also starred in the 2020 movie *Secret Society of Second Born Royals*. She

said she likes playing strong, confident, and empowered young women and that, being half Asian, she feels a responsibility to do justice to girls like her. Lee told *The Week Junior*, "Going forward in my career, I want to continue to give little girls out there characters who inspire them and make them feel like they can do anything."



### Cable car legend

arl Payne, a cable car gripman (operator) and champion bell ringer in San Francisco,
California, died on August 7 at age 81. For 29 years, Payne rang his cable car's bell to famous tunes. After winning the city's annual bell-ringing contest a record 10 times, Payne retired at age 50 and became a street cop. At 73, he became a park ranger. His daughter Cherisse Payne told the San Francisco Chronicle, "Through all of his talents and musical skills and his natural charisma, he gave everything he had to the city of San Francisco."





### Saving local bees

After Scarlett Harper, age 11, noticed bees dying in her town of Winnetka, Illinois, she did some research and discovered that the chemicals used to kill mosquitoes cause bees to die too. Bees play a vital role in the environment by pollinating crops humans use for food. Concerned, Harper called her representative in state government. This led to the creation of the "Bee Bill," a proposed law that would restrict the use of those chemicals. Harper continues to call lawmakers for their support on the bill. Rather than her youth being an obstacle to activism, "I try to use it as a tool," she said.





### **Animals and the environment**



#### A brilliant bonobo

A 40-year-old male bonobo named Kanzi can communicate with humans using a book of lexigrams (symbols that correspond to words). On an outing to a forest, Kanzi touched the symbols for marshmallow and fire. When given marshmallows and matches, Kanzi made a fire and toasted the marshmallows.



# Chimps have good manners

Just as humans say "hello" and "goodbye" to one another before and after they get together, researchers have found that some apes use similar signals to start and end their social interactions.

An international team led by Dr. Raphaela Heesen, of the University of Neuchâtel in Switzerland, studied more than 1,200 interactions involving chimpanzees and their close relatives, bonobos, in captivity. Focusing on how the apes began and ended activities like grooming and play, the researchers found that the apes has often exchanged a look or made a certain

noise just before. Sometimes they would butt heads, touch each other, or hold hands as a way to break the ice.

The researchers say these signals are the start of a "joint commitment" — an

agreement to cooperate toward a common goal of some sort. In humans, an exchange of "hellos" can signal a willingness to have a conversation, and something similar seems to happen among apes. It is the first

time that signs of this joint commitment have been seen in non-human species. Overall, bonobos were more "polite" than before play 90% of the time. (Chimps said "hello" in about two thirds of cases.) Both species were careful about the end of interactions, though, exchanging "goodbye" signals about nine times out of 10.

chimps, swapping "hello" signals or grooming

Chimps usually go through a full greeting ritual with whomever they are interacting with. Bonobos, however, are more likely to shorten their greeting with close pals. Dr. Heesen pointed out that this is another similarity with humans. "When you're interacting with a good friend, you're less likely to put a lot of effort into communicating politely," she said. Bonobos have fewer "social ranks" than chimps, and this may be why they behave more casually among friends.



### **PLACE OF THE WEEK**

Acoma Pueblo. New Mexico

Acoma Pueblo is a Native American village and National Historic Landmark where people observe a traditional way of life. The village is located on a steep cliff in the desert, where the sun shines nearly every day of the year. People from the Acoma tribe settled in New Mexico more than 1,000 years ago. It is one of the longest continuously inhabited communities in North America. The village is made up of four different communities: Sky City (Old Acoma), Acomita, Anzac, and McCartys. Wildlife including mountain lions, black bears, elk, and pronghorn live in the area.



### **Animals and the environment**





### Umbrella-shaped algae is discovered

Researchers from the Central University of Punjab in India have discovered a beautiful new species of green algae (small, plant-like living things that grow in water). Each umbrella-shaped algae is made from a single large cell—a basic building block of life that is usually microscopic in larger animals and plants.

The scientists found the species in 2019 when they were exploring coral reefs around the Andaman Islands in the northeastern Indian Ocean. It took nearly two years of comparing it with other plants and algae

before they could confirm it as a new species, which they have now named Acetabularia jalakanyakae. In the Sanskrit language, jalakanyaka means mermaid. "It has caps with intricate designs, as if it were a mermaid's umbrella," explained Felix Bast, who led the study.

Coral reefs around the Andaman Islands support a variety of living things. However, scientists fear that many could be in danger from climate change (long-term changes in weather patterns, including temperature, largely due to human activities).



**Osprey** 



A recent rescue of baby osprey chicks in Montana has brought attention to a threat to this type of hawk: bailing twine. Before experts intervened, one chick had twine around its wing and couldn't fly. The chicks are reportedly doing well.

- LIFE SPAN 15 to 20 years
- DIET Almost entirely live fish
- SIZE Nearly 23 inches long
- HABITAT North America, usually near water
- FUN FACT An osprey once flew 2,700 miles over 13 days.



### **Good week / Bad week**



#### **Wolverines**

A wolverine and two offspring (called "kits") have been seen in Washington's Mount Rainier National Park. It is only the second wolverine family ever documented in the park and considered a sign that efforts to protect the species are working.



#### **Goliath groupers**

Florida is considering ending a 31-year ban on killing goliath grouper fish. The ban was put in place to save the massive fish from extinction. The species has showed signs of recovery since then, but critics of ending the ban say the move is premature.



### "Where do the animals go when it is too cold or too hot?" Thomas, 8, Virginia

#### **Jawnie Payne**

Animal ambassador keeper, Nashville Zoo

There's always a place for zoo animals to go if it's too cold or too hot. Most animals have an indoor enclosure that's not viewable to the public, with a door left open for them. Our zoo has red pandas on exhibit, and they prefer really cold temperatures. If it's too warm out, they just duck inside!



Do you have a question for a zookeeper? Send it to hello@theweekjunior.com. Find out more about the Nashville Zoo in Tennessee at <u>nashvillezoo.org</u>.

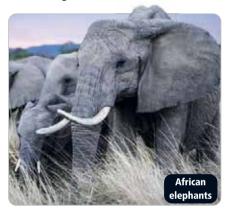


### All about elephants

# The world's biggest

### Find out why these majestic animals need protecting.

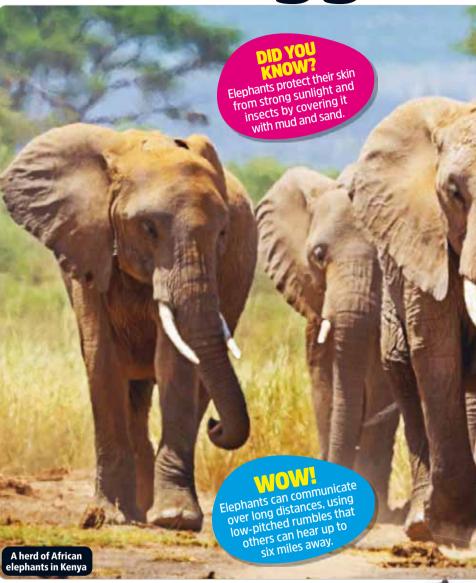
September 22 is Elephant Appreciation Day in the US, when people celebrate the wonder of these huge animals and raise awareness of the problems they face. Elephants are a keystone species, which means their ecosystem (group of plants or animals that affect each other) relies on their existence. But elephant numbers are in steep decline. They are hunted for their ivory tusks, and their habitats are being destroyed by humans taking over the land for farming. This blocks migration routes with buildings, fences, and roads.



### African elephants

Elephants are the largest land mammals in the world. There are two species, African and Asian elephants. African elephants are larger, weighing more than 13,000 pounds (about four times the weight of a typical family car) and growing about 13 feet tall. African elephants flap their big ears to cool themselves. Both males and females grow tusks (teeth that extend outside their mouths).





### **Epic elephant facts**

Their tusks are tough
The tusks of large African
elephants can be up to
11 feet long and
weigh 220 pounds. Elephants
use them to collect food,
dig for water, strip bark from
trees, and protect themselves.

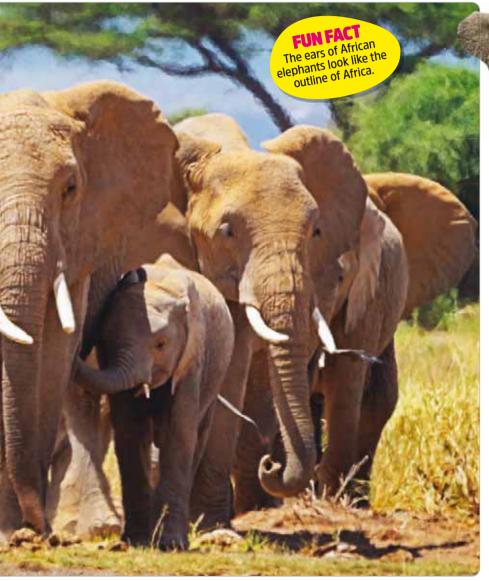


# Their trunks are clever An elephant's long trunk has up to 40,000 muscles (humans have about 600 muscles in their whole body). Strong and sensitive, it can pick up large objects, suck up about two gallons of water at once, trumpet warnings to the herd, and act as a snorkel.



All about elephants

land mammal





Asian elephants are smaller, at about 8 feet tall, and only some of the males have tusks. Most live in India, though some live in Cambodia, China, and Vietnam. They can spend as much as 75% of their time looking for and eating food, which includes bark, fruit, grass, and roots.

Female elephants are pregnant for 22 months.

#### Living and working together

Elephants are sociable creatures that live in groups called herds. Asian elephants form herds of six or seven. African elephant herds typically have about 10 animals or more, though large herds can expand up to 100. Females work together to look after the young, forming strong bonds and staying with the herd for life. A herd is usually led by the oldest female elephant (the matriarch). Males (bulls) form separate small herds with other males.

#### **Protecting their future**

The World Wildlife Fund estimates that there are 400,000 African elephants and between 40,000 and 50,000 Asian elephants left. Many groups are working to stop the elephant ivory trade and educate people about the important role these magnificent creatures play in nature. Find out more at tinyurl.com/TWJUS-elephants.



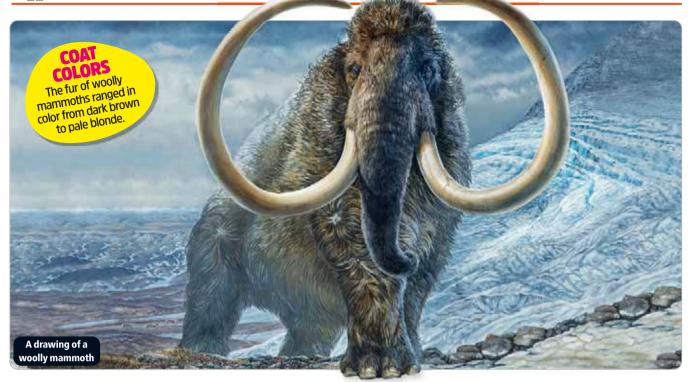
Their feet help tadpoles
Elephants can walk more than
100 miles a day. As they roam
in grasslands and forests, their
huge size and powerful legs
clear pathways for other
animals to use. Their large
footprints fill with water and
become home to tiny tadpoles
and other organisms.







### **Science and technology**



# **Mammoth traveled across Alaska**

An international team of scientists found that a woolly mammoth walked almost far enough in his lifetime to circle Earth twice. The researchers made the discovery while investigating a 17,000-year-old mammoth tusk found in Alaska. They determined that the mammoth was a male and named it Kik after Alaska's Kikiakrorak River.

A mammoth's tusks grew in layers, like rings on a tree trunk, providing a record of its age. "Mother nature doesn't usually offer up such convenient and lifelong records of an individual's life," said Pat Druckenmiller, a paleontologist (scientist who studies the past through fossils) who worked on the study. "From

the moment they're born until the day they die, they've got a diary and it's written in their tusks."

As Kik's tusk grew from year to year (finally reaching six feet), it stored up chemicals from whatever the mammoth was eating at the time. The make-up of these chemicals varied depending on where he was, the time of year, and his health. By analyzing the different layers

in the tusk, the team could create a map of Kik's movements. They found that the mammoth wandered 43,500 miles in his 28-year life. "It visited many parts of Alaska at some point during its lifetime, which is pretty amazing when you think about how big that area is," said Matthew Wooller, a co-leader of the study.

Until the age of 16, Kik had a fairly small range. The team thinks he was part of a herd as he grew up. As he neared adulthood, though, his movements

changed, possibly because he had been kicked out of the herd. This happens to some male elephants today. After this, Kik began to cover a much larger area in search of food and possible mates. The study suggests he finally

died of starvation, perhaps linked to changes in his environment during the last ice age (a period when much of Earth was covered by ice).

**Matthew Wooller** 

with the tusk

Scientists emphasize that learning about the lives of extinct species is not just about studying the past. Knowing how animals reacted to a changing climate could help scientists understand how animals might adapt in the future.

### A preserved woolly mammoth



One of the world's best-preserved woolly mammoths is named Yuka. Her remains found in permafrost (permanently frozen ground) in Siberia, Russia, in 2010 - date back 39,000 years. Woolly mammoths went extinct about 4,000 years ago. A team of scientists analyzing the remains determined that Yuka was a young mammoth, between 6 and 11 years old when she died. Despite this, she was nearly 10 feet tall and weighed about 11,000 pounds. Scientists say that her body and fur were so well preserved because she had stayed frozen for a long, uninterrupted period of time. In 2014, Yuka went on a world tour and was displayed in Japan, Taiwan, and Russia.

### **Science and technology**



### NASA seeks crew to pretend to live on Mars

NaSA has launched an unusual recruitment drive. The US space agency is looking for people who want to spend a year pretending to live on Mars.

The series of experiments, have experied which will begin in fall 2022, is called Crew Health and Performance Exploration Analog. A 1,700-square-foot replica (copy) of a future Mars base, called work in pressure of the first woman and the first person of color on the first person of color on the first person of work in pressure of the first person of color on the first person of color on the first person of work in pressure of the first person of color on the first person of

Four participants at a time will live in this environment, isolated from the outside world. They will take part in test "spacewalks" on the surface and make do with limited supplies to

Mars Dune Alpha, will be 3D-printed

and placed inside the Johnson Space

Center in Houston, Texas.

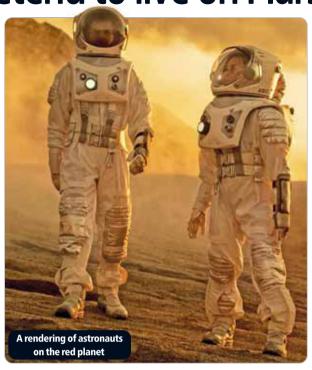
imitate the challenges of living and working on the red planet.

Applicants must be between the ages of 30 and 55 and have a degree in science, math, or engineering or have experience as a pilot or member

of the military. NASA is looking for people who have "a strong desire for unique, rewarding adventures and are interested in contributing to NASA's

work in preparing for the first human journey to Mars."

The agency hopes the experiment will help it prepare for real future Mars missions. Lead scientist Grace Douglas said, "Simulations on Earth will help us understand and counter the physical and mental challenges astronauts will face before they go."





### Scientists give ancient site a new age

Experts studying the mountaintop ruins of Machu Picchu, in Peru, have discovered that the site is about 20 years older than previously thought. Machu Picchu was built by the Incas, a South American people who ruled a large empire.

Based on accounts by Spanish invaders who conquered the area in the 1500s, historians thought it was built after 1438. Records linked the site with the Inca emperor Pachacuti, who came to power that year.

A team led by Richard Burger of Yale University in Connecticut analyzed human bones and teeth found near Machu Picchu. They used radiocarbon dating, a method of estimating the age of organic material (like the remains of animals and plants), to show that Incas were living there from about 1420 to 1532.

"This is the first study based on scientific evidence to provide an estimate for the founding of Machu Picchu," Burger said.



An automotive company based in China has designed a bus that runs on electricity instead of gasoline, which harms the environment. The bus can be charged at night, when electricity is cheaper, and provide power to school buildings during the day. Energy

will cost up to 60% less than it does for traditional buses.

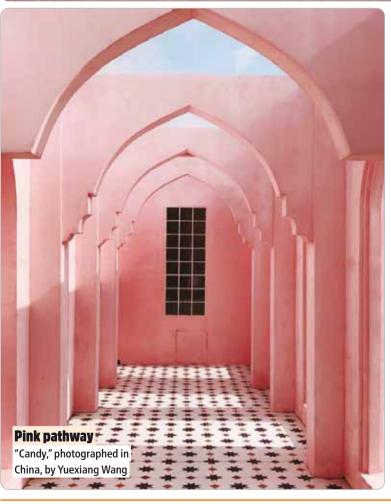
The bus can travel up to 155 miles on a single charge. Safety features include a monitoring system to look for cyclists and pedestrians and a device that warns students getting off the bus when it's unsafe to cross.



### **Photos of the week**





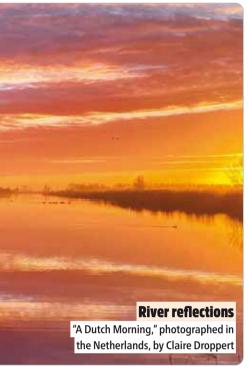


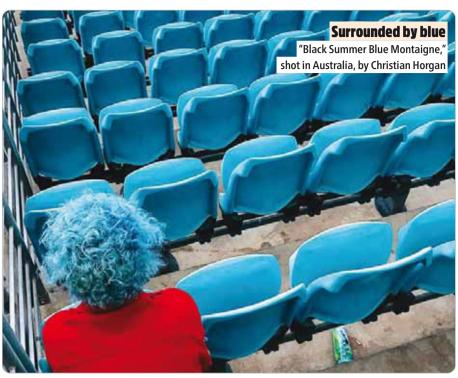


GLENN HOMANN; YUEXIANG WANG; YAYUN LIU; CHRISTIAN HORGAN; HEXIANG ZHOU; CHRISTIAN HORGAN

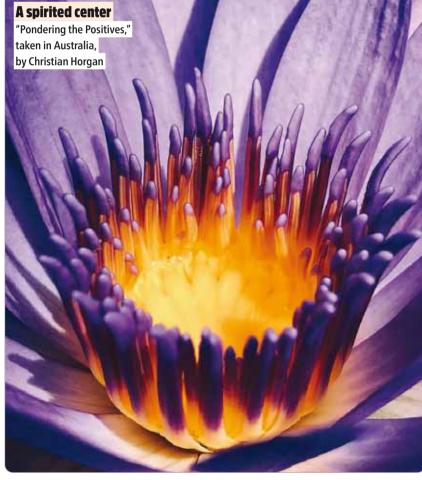
### **Photos of the week**















**Daniil Medvedev** 

won for the men

### **US Open history**



The first US Open tournament was in 1968. The prize was \$14,000 for men's singles and \$6,000 for women's singles. This year, it was \$2.5 million for each. Arthur Ashe won the 1968 men's title, a first for an African American man at a Grand Slam. Now a US Open stadium is named for him.

# Teen players make history at US Open

**Sports** 

Two teenagers made history at the US Open, one of the four most important international tennis tournaments of the year, known as the Grand Slams. In the women's final in Queens, New York, on September 11, British player Emma Raducanu, age 18, defeated Canadian Leylah Fernandez, age 19. It was the first all-teenage US Open final since 1999 and the first time two unseeded (not ranked in the tournament) players competed

Raducanu had only played in one Grand Slam before the US Open. She came in ranked 150th in the world and made it through the qualifying rounds and main tournament play without losing a set. She continued that streak in the final, taking the first set 6–4 and the second set 6–3.

With the win, Raducanu became the youngest women's tennis player to claim a major title

since 2004, when Maria Sharapova, then age 17, defeated Serena Williams at Wimbledon. Raducanu is also the first British woman to win a Grand Slam title since 1977. Fernandez played a great match despite the straight-set loss.

She kept each game close and maintained composure during the match.

Fernandez, who came to the US Open ranked 73rd in the world, had defeated several top players at the tournament. In her semifinal match, she beat the number two seed, Aryna Sabalenka. Earlier,

she won against the number three seed, Naomi Osaka, and the number five seed, Elina Svitolina. Meanwhile, Raducanu eliminated 11th seed Belinda Bencic in the quarterfinals and 17th seed Maria Sakkari in the semifinal.

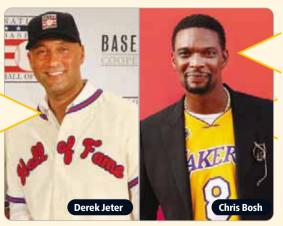
The men's singles championship match was played on September 12 between the top two players in the world, Novak Djokovic, who is from Serbia, and Daniil Medvedev, who is from Russia. Djokovic, the number one seed, had won every Grand Slam tournament this year, but Medvedev defeated him in straight sets, 6–4, 6–4. It was Medvedev's first Grand Slam title. He is the third Russian man to ever win one. On his way to the championship, Medvedev lost only one set throughout the tournament, a feat that hadn't been accomplished on the men's side since 2010.

#### **HALL OF FAME NEWS**

in a US Open final.

#### BASEBALL

Three former Major League Baseball players and one executive were inducted into the National Baseball Hall of Fame in Cooperstown, New York, on September 8. The event was rescheduled from last year because of the pandemic. The players in the Class of 2020 are New York Yankees shortstop Derek Jeter, Colorado Rockies outfielder Larry Walker, and St. Louis Cardinals catcher Ted Simmons.



#### BASKETBALL

On September 11, the Naismith
Memorial Basketball Hall of Fame in
Springfield, Massachusetts, inducted
its Class of 2021. The group included
National Basketball Association (NBA)
players Chris Bosh, Paul Pierce, Ben
Wallace, and Chris Webber, plus
Lauren Jackson and Yolanda Griffith
from the Women's National Basketball
Association. NBA coach Bill Russell,
who is in the Hall of Fame as a player,
was inducted as a coach.

### **Sports**





### NFL regular season games begin

The National Football League (NFL) has kicked off its 2021 regular season. The first game was played on September 9, with the rest of the games following on September 12 and 13.

In the September 9 game, the Tampa Bay Buccaneers, who are the defending Super Bowl champions, defeated the Dallas Cowboys, 31–29. More than 25 million people watched the game on TV and streaming platforms, making it the most viewed opener since 2015.

Both offenses had incredible performances in the contest. Tampa Bay quarterback Tom Brady played spectacularly. He tossed for 379 yards and four touchdowns, but it was a late field goal by kicker Ryan Succop that secured the victory. Dallas quarterback Dak Prescott, who had missed the final 11 games of the 2020 NFL season due to injury, threw for 403 yards and three touchdowns in his excellent return to the field.

In another exciting game, the Kansas City Chiefs beat the Cleveland Browns, 33–29, on September 12. The Browns controlled most of the game and led 22–10 going into halftime. But in the second half, Kansas City's quarterback Patrick Mahomes battled back to take the lead late in the fourth quarter. Cleveland had a chance to win, but a key pass was intercepted (caught) by Kansas City cornerback Mike Hughes.

Mahomes threw for 337 yards and three touchdowns and also ran in a touchdown. Chiefs wide receiver Tyreek Hill was Mahomes' favorite target in the game. He had 11 catches for 197 yards and a touchdown. In his NFL career, Mahomes is 11–0 in the month of September.



### COACH OF THE WEEK

Coach's name: Kelley Paronish

Team: Kelley's Dance Craze Competition Team

"My coach helps kids become great tap dancers. When kids make a mistake on a move she says, 'Keep trying, make sure you have all the sounds in the step.' She sets up Christmas parties and Valentine's Day parties and much more. She makes learning to dance fun, even when it is challenging. She always makes us feel good about ourselves, and she helps us get better at dancing every day. Mrs. Kelley never gives up." Grace, 10, Michigan

To nominate a Coach of the Week, send your coach's name, photo, sport, and team to *hello@ theweekjunior.com.* Include your name, age, state, and a few reasons why your coach is great.

### SPOTLIGHT ON...



### Squash

#### What is it?

Squash is a racket sport played on a walled indoor court. The game was developed at an English boys' school around the mid-1850s. Squash got its name because it's played with a soft, hollow rubber ball that gets squashed when it's hit. More than 25 million people across 185 countries play it today. The International Olympic Committee has considered making it an Olympic sport.

#### How is it played?

Two singles players or two doubles teams play on a woodfloored rectangular court. Lines on the walls and floor create the game's boundaries, and the action is directed at the front wall. There is no net. Players take turns hitting the ball off the front wall, and it can bounce off the other walls and the floor. Players have to move quickly to stay out of the way of the ball and each other. One way to score a point is by making a shot your opponent can't return. Your opponent earns a point if you hit the ball out of bounds. Games go to a score of 11 and must be won by two points. Whoever wins the best of five games wins the match.

#### What equipment do I need?

You'll need a squash racket, ball, sneakers with light soles, and eye protection. Squash clubs may rent equipment. There are larger squash balls that make the game easier for beginners.

#### How can I get involved?

Have a parent or guardian search online for clubs or other facilities with squash courts. You can also learn more at <u>ussquash.org/junior/starting-as-a-junior</u>.



### **Arts and entertainment**



# Antique photos on display

An exhibition in Los Angeles reveals how taking and sharing fun portraits became popular in the late 1800s.

The Los Angeles County Museum of Art (LACMA), in California, is hosting an exhibition called Acting Out: Cabinet Cards and the Making of Modern Photography, 1870–1900. Cabinet cards were fun portraits about the size of a mobile phone screen and

printed in multiples to be shared with friends and family.

Before the cards were

introduced in the US in 1866, most people had a portrait taken only once or twice in their lives. They were serious shots that were meant to document how a person looked. To increase business, photographers began taking pictures to celebrate moments in people's lives and show off their hobbies or pets. Cabinet cards were

more interesting than classic portraits because they featured different lighting and props and even used trick photography.

Today, cabinet cards are often found in historical societies, library collections, and antique markets. Britt Salvesen, LACMA's photography curator (a person who selects art) told The Week Junior she wanted to place them in an art museum so they could "connect to the larger history of portraiture."

She sees a similarity between people posing for cabinet cards and the use of social media today. "They knew how to make visual jokes, play with different identities, and create special effects like today's Instagram filters," she said. While visitors can learn a lot from *Acting Out*, it may have a bonus effect. "I hope some visitors might discover cabinet cards in their own family collections," she said. "This will help them recognize the format and its history in American culture."

### More LACMA exhibitions

#### Snapchat: Monumental Perspectives

In specific locations around Los Angeles, people can use a phone and the social media app to see virtual artwork. The monuments appear using augmented reality technology.



Ginne.

**The Los Angeles** 

**County Museum of Art** 

#### Legacies of Exchange

LACMA borrowed contemporary
Chinese art from the Yuz Museum in Shanghai, China, for this exhibition.
The works include sculptures of the heads of the 12 animals from the Chinese zodiac, by artist Ai Weiwei.



#### Yoshitomo Nara

This famous
Japanese artist
is known for
creating cartoonlike children. The
show focuses on
his love of music
and includes
works on paper,
paintings,
sculptures,
and more.



(Disney+)

### **Arts and entertainment**





### Covid-19 affects movie releases

ot long after movie theaters reopened, the Covid-19 Delta variant has led Hollywood studios to change their fall movie release plans. Several of the films that are affected are geared toward children.

Clifford the Big Red Dog, a live-action film based on the beloved children's book series of the same name, had its September 17 release delayed. A new date for the film's premiere has not been announced. Hotel Transylvania 4, the latest installment of the hit franchise, was due in theaters in October. Instead, it was purchased by Prime Video for a reported \$100 million. It will now skip theaters. Addams Family 2, which

premieres in theaters on October 1, will also now be available on demand.

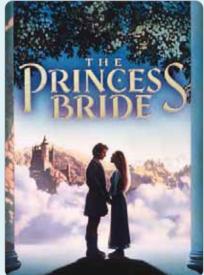
One reason for the changes may be that some cities are requiring proof of Covid-19 vaccination for certain indoor activities, such as going to a movie theater. However, kids under age 12 aren't eligible for the vaccine yet. Also, a recent poll showed that moviegoers' overall comfort in seeing films in theaters has dropped from 81% to 66%.

Some of this summer's big hits were films that attracted families. Three of the top earners were Marvel's Black Widow and Disney's Cruella and Jungle Cruise. All three were released in theaters but could also be viewed on Disney+ for a fee.

Gather together for this funny fairy-tale adventure



While he's home sick in bed, a boy gets a visit from his grandfather, who brings along a favorite storybook. As the grandfather begins to read to the boy, the action shifts to a fictional land, where a pair named Buttercup and Westley fall in love. While traveling, Westley is captured by a pirate and Buttercup assumes he has been killed. Years later, she's engaged to marry Prince Humperdinck but is still sad about Westley. Weeks before the wedding, she's kidnapped by a criminal, a giant, and a master swordsman. A masked man shows up to save Buttercup, and it turns out to be Westley. Before the pair can live happily ever after, he must defeat Humperdinck, who has evil plans. With help from unlikely friends, can true love conquer all?







#### Frogger (Peacock)

This competition game show is based on a popular arcade game. It's set on outrageous obstacle courses, where contestants will have to avoid falling into water, dodge moving traffic, and tackle more tricky feats if they want to win the \$100,000 cash prize.



### The Smurfs

### (Nickelodeon) Fridays at 7:30 pm ET

A Belgian cartoonist named Peyo created these blue characters, which have been around since the 1950s. In this new 3D-animated series, Papa Smurf, Smurfette, and the other Smurf Village residents go on adventures with new friends and try to outsmart evil wizard Gargamel.



### You vs. Wild: Out Cold (Netflix)

In this interactive special, a plane crash leaves adventurer Bear Grylls stranded in icy mountains and unable to remember anything. Using a TV remote, viewers help him make decisions so he can save himself and the pilot. Challenges such a huge rock wall and a freezing tunnel await.

### On screen



# Skateboarding gets a new twist

SkateBIRD is a new extreme sports game that features skateboarding. It was just released for the Nintendo Switch, Xbox One, and PC.

Skateboarding video games have been popular since the first Tony Hawk Pro Skater game came out in 1999, but there has never been a game like

SkateBIRD. Instead of the game featuring humans, it stars a skateboarding bird. He may be small, but this bird can skate, grind, and pull off tricks like an expert.

A sweet story drives the action in the game. After a professional skateboarder retires from competition and gets an office job, his pet bird decides to take up the sport. His goal is to find a way to make his Big Friend happy and also have a bit of fun while doing it.

The bird builds its own tiny skate parks made out of items such as straws, paper clips, kitchen utensils, and even pizza boxes. As you get better at controlling the bird and doing moves and tricks, you'll get access to new courses. Each one is more adorable and creative than the last.

Buzz about the bird will grow on Tweeter, a fake social media app in the game. Soon other birds will start showing up at the different skate parks that the bird has built in his Big Friend's house. There are five micro-sized parks in all.

SkateBIRD offers players 30 species of birds to unlock. It's also possible to customize the bird characters with different colors, decorate the skateboards, and collect all kinds of cool gear. As you make the bird's Big Friend happy, expect to be smiling too.



### PODCAST # WEEK

#### **CULTURE VERSE**

trax.fm/cultureverse

Fantastical legends come to life in stories about modern-day kids encountering creatures from their family's culture, such as the Chinese Water Dragon and Jamaica's Rolling Calf. Actresses Yara Shahidi (*Black-ish*) and Kelly Marie Tran (*Raya and the Last Dragon* and Star Wars films) are the hosts.



### APP OF THE WEEK



#### **TAP TAP FISH-ABYSSRIUM POLE**

Apple App Store, Google Play Build a dream aquarium without worrying about finding space for a tank or cleaning it. You start out small, with just a single bit of coral—but with enough hard work and tapping, your underwater wonderland will be filled with full colonies of fish, sharks, and other amazing swimmers.

### VIDEO OF THE WEEK

### THE SECRET SOCIETY OF THE GREAT DISMAL SWAMP

tinyurl.com/TWJUS-Swamp

Find out how archaeologists (scientists who study objects left by people long ago) determined that a huge swamp in North Carolina and Virginia used to be home to hidden communities and Indigenous peoples (the first people to inhabit a place).



### **Book club**



### **BOOK OF THE WEEK**

# **Spy School**

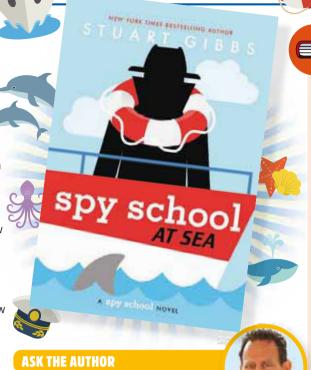
By Stuart Gibbs (Simon & Schuster)

In the ninth book of the Spy School series, 13-year-old secret agent Ben Ripley goes undercover on the world's largest cruise ship. His mission is to find Murray Hill, who once attended spy school but is now working with the enemy. During a party, Ben comes face to face with Murray and Dane, another evil character. After trying to get Ben to reveal secret information, they throw him overboard. Ben's best friend Mike, another secret agent, rescues him in a raft. But the cruise ship is too far away for them to catch up to it. Instead, they land in Costa Rica (a country in Central America). Finding out whether Ben and Mike will be able to capture Murray will have you on the edge of your seat. Packed with action scenes, this book also has funny jokes and great dialogue.

### N A BOOK!

We're giving away five copies of Spv School at Sea.

For a chance to win, send vour name and address to contests@theweekjunior .com with Spy School in the subject line. Enter by midnight on October 8. See theweekjunior.com/terms for complete rules.



### **Stuart Gibbs**

We talked to the author of Spy School at Sea.

#### What qualities are needed to be a good spy?

A good spy must be able to make friends with people. A tremendous amount of spy work is getting people to give you information.

#### Have you ever been on a cruise ship?

I first went on a cruise ship to research this book. I realized I prefer being on smaller boats.

#### Do you have a favorite school supply?

A compass! At the start of the school year when I was a child, a compass would be on the supply list. But we never ended up using the compass, so it became like a toy.

#### What was your favorite subject in school growing up?

I loved science, particularly biology, as well as history.

#### What is your best writing advice?

Be curious. The more open you are about the world, the more you learn about things, the more ideas you will have to write about.



### support one another. Ages 9–12 The Cursed Carnival

and Other Calamities By Rick Riordan and other authors

(Rick Riordan Presents)

4 new collections

of short stories

These books offer fast-paced tales

**Sunny Days Inside** 

and Other Stories

By Caroline Adderson

The eight stories in this book

(Groundwood Books)

are about characters who live in the same

apartment building during the pandemic.

that are enjoyable to read.

Stray unicorns and a magic shovel are just some of the things that will grab your attention in these 10 mythical adventures that represent many cultures. Rick Riordan, author of the Percy Jackson and the Olympians series, wrote an Irish myth for the book. Ages 8–12



### The Kids of **Cattywampus Street**

By Lisa Jahn-Clough, illustrated by Natalie Andrewson

(Anne Schwartz Books)

Each chapter tells a magical, mysterious story about the same neighborhood. In one, a girl shrinks so small that she can fit into a dollhouse. Another is about a ball that finds its way back to its owner after it was stolen. Ages 7-10



### **Hide and Don't Seek: And Other Very Scary Stories**

By Anica Mrose Rissi

(Ouill Tree Books)

The 20 stories in this book are spooky and fun. One tale is told from the perspective of a dog, while another one was written as a script for a play. There's even a poem about monsters under the bed. The black and white illustrations add to the eeriness. Ages 8–12



### **Warriors Into the Wild** By Erin Hunter

"This book is about an ordinary cat named Rusty that learns there is more to life when he meets a cat from the forest named Graypaw. Rusty ventures into the forest and joins a clan of cats called ThunderClan. There are other clans in the forest and something sinister is going on. Set out on a journey with Rusty as he finds secrets of the forest and learns more about the clans." Ouinn. 11. Arizona

Do you have a book to recommend? Send your review to hello@theweekjunior.com.



### How to...



# Pack a healthy school lunch

Fruit goes well

### Keep your day on track with a delicious and nutritious midday meal.

unch is a great time to catch up with your friends and enjoy downtime while you're in school. But it's also important to fill up on nutrient-rich foods that can fuel you through the afternoon. In fact, research shows that kids who eat a healthy lunch can concentrate better and may even get sick less often. Packing it yourself—instead of relying on your parents—also means you can choose the foods you want. Here's how to get started.

#### **Brainstorm ideas**

Sometimes it's hard to think of what to pack. Make a list of foods you'd like to bring for lunch that you can refer back to. Start by writing down options that first come to mind. If you don't have them on hand, ask an adult if they can be added to a grocery list. Take a look through your kitchen to see what else you could pack.

#### Get reusable gear

It's better for the environment to use a reusable lunch box, water bottle, and food containers because disposable packaging can end up in landfills. It's also helpful to have an ice pack to keep food cold and a thermos for hot foods, like soup.

#### Make it ahead

Consider spending some time on Sundays getting lunch items ready for the coming week. This might mean

portioning out snacks into smaller reusable containers or preparing a big batch of something like chicken salad or pasta to eat throughout the week. You can also spend a little time each night putting everything in your lunch box for the next day and then sticking the whole thing in the refrigerator.

#### **Keep it balanced**

One of the best ways to ensure you're packing a lunch that will give you the energy you need for the rest of the day is to include a balance of different types

of foods. This means you should pack and

eat a mix of whole grains (such as whole-wheat bread or pasta), protein (like lean meat, tuna, beans, and milk or cheese), as well as fruits and vegetables. These foods give your body different types of nutrients, which work together to keep you feeling sharp for the rest of your day. It can also be OK to include

a small treat, such as a cookie, to enjoy at the end of your balanced meal.

#### Don't forget a drink

It's important to stay hydrated, so packing a water bottle is a great idea. Milk is also a good option, since it has calcium, which is key for strong bones. You may be able to get milk at the school cafeteria, or you can pack it in an insulated bottle to keep it cold.

### Five foods to boost your brain power



Blueberries

This fruit is super high in antioxidants, which are a substances

that help keep the cells in your body healthy. The ones in blueberries have specifically been shown to improve brain communication and memory.

#### Carrots

The sweet orange veggie has high levels of the nutrient luteolin, which could help keep your memory strong.



Eggs

a nutrient called

Eggs are packed with vitamin B and

choline, both of which are helpful for your mood and brain development.

#### **Oranges**

Enjoying just one orange meets almost a full day's requirement of vitamin C. And people who eat more vitamin C may be better able to stay focused and remember things.

#### **Pumpkin seeds**

These are high in several important nutrients like magnesium (which is good for learning and memory) and iron (which helps keep your brain sharp).

Ask your parents to look for bags or containers of them near the nuts at the grocery store.

How to...





# Make animal charms for a backpack

#### What you need

- Scissors
- Felt scraps
- Assorted large wooden beads
- Hot glue gun
- Small buttons
- Craft paint
- Paintbrush with fine tip
- Ruler
- Thick string, like paracord (sold at craft stores)
- Carabiner (a metal loop clip used for keychains, sold at hardware and craft stores)

#### **Instructions**

- 1. Use scissors to cut out small felt shapes to go on the animal's heads. For the pig, cut out two small triangles for its ears. For the bear, cut out two rounded ears and one oval for its snout. For the dog, cut out two long ovals for the ears and one smaller oval for a tongue.
- 2. Pick out round beads to use for each animal's head. Use hot glue to attach their ears to the top. Then use hot glue to attach the snouts (the felt piece for the bear and small buttons for the dog and pig). Glue the dog's tongue under its button nose.

- **3.** Next, use your paint and paintbrush to dot on eyes for each animal and a nose on top of the bear's felt snout.
- **4.** Choose slightly larger beads for each animal's torso and paint them different colors if you'd like.
- 5. Measure out a piece of cord that's 17 inches long for each animal. Fold one in half and slip the folded end up through the torso bead and then through the head bead. Knot the bottom of the cord at least twice so the beads can't slide off.
- Attach each creature to a metal loop or to the zipper pull on your backpack.

#### **Helpful tips**

- If you have a paint pen, that's an easy way to add small details like the animals' eyes and noses.
- If you don't have tiny buttons to add to the beads, simply cut extra circles out of felt instead.
- Some cord might unravel when you cut it. You can seal the cut ends of the "legs" of the animals with glue to prevent any more from unraveling.
- If you don't have a carabiner, a large paper clip is a good way to attach the animal charm to your backpack.



### FINE WEEK GARAGE SALE

You may think of a garage sale as a good way to clean out your room or make extra money, but did you know that it can also be good for the environment? Every year, US households throw away more than 258 million tons of trash. It's estimated that about 20% of that trash is things that could have been reused or fixed up. So when you sell old toys, furniture, clothes, and other items instead of throwing them away, you help keep things out of landfills. The people who buy them also don't have to buy brand-new things. This cuts down on the fossil fuels needed to produce items and transport them to the store and your home.







### **Puzzles**

Can you find all these things associated with England

in the grid? They are hidden horizontally, vertically, or



### **Word search**

diagonally and can be forward or backward. When **BIG BEN** SCONE you're done, read the remaining letters to get a **BLOKE SHAKESPEARE** bonus message. **BRITS** STONEHENGE CR D D D FI LO M PA PF PΙ 0 Q R/ RO **RUGB**\

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### **FILL IN THE BLANKS**

Fill in the blanks in each sentence with two words that are anagrams of each other, like BOWL and BLOW. (NEED A HINT? Check the bottom of the page.)

, , , , , , , , , , , , , , , , , , , ,
1. Nobody in the plane skydive that day because a big
kept them from seeing the ground.
2. Now that the mechanic has coated the gears with , everyone
that the bicycle is easier to ride.
3. The antique doll restorer said that the part of every repair is trying
to find that match the ones used to sew the original clothes.

### **FOUR IN A ROW**

Place four of the letters below to complete the first pair of words, in the same order in both words. Use the remaining four letters to complete the second pair of words, in the same order in both words.

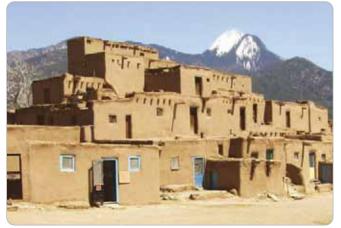
AGILNRTU
NI H M E
D CK G
0 T E

### **Out of order**

The numbers 1 to 9 can fit, one per square, so that no two consecutive numbers are in squares that touch in any way, even at a corner. Use the numbers already given to figure out where the rest of the numbers go.

8		
	6	
3		

**Spot the difference** These two pictures of Acoma Pueblo in New Mexico appear to be the same, but take a closer look. There are actually five differences. Can you see them?





### That's unbelievable!





### Racer moves at a snail's pace

A snail named Speedy Gonzales was the winner of a snail race in the German city of Oldenburg. The winning snail clocked in with a time of three minutes and 28 seconds to beat more than 20 other competitors. Speedy's prize was a head of lettuce, and his owner received a ticket for the city's upcoming film festival, which the race was held to promote. Afterward, organizers showed the animated film *Turbo*, which is about a snail that dreams of becoming a racer.

### A blooming surprise

Philip Roberts, age 84, was thrilled when a plant he bought 42 years ago bloomed in his garden in Suffolk, England. When Roberts purchased the Mexican royal agave plant, which he named Prickly, he was told that it could take up to 100 years to bloom. Because of that, he had planned to pass it on to his grandson so he could care for it until blossoms appeared. Prickly, however, surprised him. The plant now stands nearly nine feet tall.



### Buzz about a pet bee

The agave plant

A teenager who lives in Coventry, England, has an unusual new pet: a bumblebee. After Lacey Shillinglaw, age 13, saved a bee that had a crumpled wing, it refused to leave her side. Betty, as the bee is named, sleeps on Shillinglaw's nightstand and even joined her on an outing to a bowling alley. "She's so fluffy, and I love our friendship," Shillinglaw said.



### It's a chocolate lover's paradise

A hotel in England has turned one of its rooms into a chocolate paradise, with lickable wallpaper and a bath filled with chocolate. Guests are invited to indulge their sweet cravings with luxury hot chocolate and marshmallows they can dip in a chocolate fountain. There are also jars of gobstoppers, giant lollipops, and chocolate-scented toiletries. All the treats are unlimited and restocked when needed. The wallpaper is changed for each new guest. What do you think? Is this story true, or is it a sweet deceit?\*



### Swiss cows fly over the mountains

About a dozen cows were airlifted from their pastures in the mountains of Switzerland to the valley below. The cows were scheduled to take part in an annual cattle parade, but the path down the mountain is very steep and some of the animals were not able to make it by walking. The cows were placed into harnesses, gently hoisted into the air, and carried by helicopter. After the animals landed safely, farmers moved them into trailers to continue their journey.

\*Real! The room was transformed into a chocolate wonderland to celebrate the 50th anniversary of the 1971 film Willy Wonka & the Chocolate Factory.

### **Your turn**

### **Editor's note**

I always enjoy following the US Open tennis tournament, but I was even more excited than usual to watch it this year (p18). Two teenagers were playing in the women's final-and that wasn't even the most astonishing part about it. Both players— Emma Raducanu of Great Britain, age 18, and Leylah Fernandez of Canada, age 19-had been unseeded in the tournament (meaning they were not in the top 32). In Raducanu's case, she had to earn a spot in the main tournament by playing in qualifying rounds before it even started. Defying the odds, both of them made it all the way to the finals-where Raducanu became the first "qualifier" to ever win a US Open singles title. Afterward, former men's champion Andy Roddick tweeted, "These two young women are a gift to tennis. An absolute gift." Speaking for the entire team at The Week Junior, we agree!

> Andrea Barbalich Editor-in-Chief



### The Hunger Project

This organization's goal is to end hunger around the world. Founded in 1977, The **Hunger Project first focuses on supporting** women in a region it serves. Studies show that when women are empowered, their families are healthier, their children go to school, and society benefits. The group provides access to food and education and helps people get involved in The Hunger their local government. Find out more at thp.org.

**Digging for discoveries** 

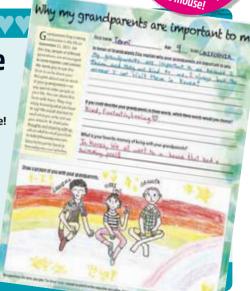
**66** I investigated and tried to eradicate invasive jumping worms this summer. You can tell them apart from the helpful nightcrawler by their white band, their size, and especially by how they move so fast. Unlike nightcrawlers, these invasive worms remove the nutrients from the soil without putting anything good back in. They can kill all the plants in your garden. If the dirt in your garden looks more like sand or coffee grinds, be on the lookout for these iumpers! 77



Have you done something interesting or raised money for a cause you care about? Whatever you're up to, we want to hear about it at hello@theweekjunior.com.

### Why do you appreciate your grandparents?

Grandparents Day took place on September 12, but grandparents are worth celebrating anytime! We asked readers of The Week Junior to share their thoughts about a grandparent or another older person in their life. To participate, ask a parent or guardian to download the form (like the one at right) at theweekjunior.com/ activities. Fill it out and have an adult send it to us at hello@theweekjunior.com. We'll feature some of the responses in future issues.



Email your news, views, and photos to hello@theweekjunior.com.

YOUR PHOTOS We'd love to see pictures you've taken or pictures with you in them! Send them to us at hello@theweekjunior.com, along with anything you'd like to tell us about what's in the photo.



"I got the idea of starting a brownie business from the How To page of Issue 69 of The Week Junior!" Nia. 9. New Jersev

"We were reading this week's issue while waiting for the bus to come on our first day of fourth grade!" Hannah and Matthew. 9. Rhode Island





"This summer we grew a lot of veggies, fruits, and sunflowers in our garden. Some of our sunflowers are over 10 feet tall!" Abby, 9. **New Hampshire** 

### POPJAM

Sign up and follow @theweekiuniorus on PopJam, a social media platform for kids 7–12. Ask an adult to download the app from iTunes or Google Play.

We asked: What is your favorite subject in school and why?

"Math. because there's always a right answer

"Social studies, because I like learning about the world"

"Phys ed. It's fun and active"

In the big debate, we asked: Should there be social media just for kids?

"Yes! Kids can express themselves to other kids their age."

spend their time playing outside."

'Yes, because it's hard to socialize right now."

Yes, kids should have a safe space to connect online

Now tell us: What are three words that best describe you?

Teacher's Name: Ms. Heather McGrawl School: Field Elementary School

"My teacher is helpful when we need help. She holds up her fingers to help us learn to count. She is great at reading and math and other subjects. She is really excited to start math rotations, and that makes me excited about math."

Anna. 8. Missouri

Nominate your teacher for Teacher of the Week! Send your reason for the nomination, a photo of your teacher, and your school's name and address to hello@theweekiunior.com.

### Puzzle answers (from page 26)

#### **Word search**

Unused letters: Pudding means any kind of dessert to the English.

#### Four in a row

nightmare, guitar duckling, outline

#### Fill in the blanks

1. could. cloud 2. grease, agrees 3. hardest, threads

8	5	7
	2	

9 | 6 1 4



#### **Ouiz answers** (from page 30)

118 2b) 40,000 3 False. It means "head of the year." 4 A bumblebee 5b) 1866 6 c) Mars 7 c) 30 8 True. 9 Kik 10 Hawaii 11 a) Butt heads 12 a) 39 **13** c) Indian **14** False. The attempt in August was unsuccessful. **15** Butter

We want to hear from you! To have your letters, photos, nominations, recommendations, or ideas considered for inclusion in the magazine, please include your full name, age, and state with your submission. By emailing your submission to us, you give The Week Junior consent to publish it in the magazine and online. Please get your parent/quardian's permission before sending anything to us.



### **Quiz of the week**

### How much of this week's news can you remember?

**1** How old is the winner of the US Open women's tennis tournament?

**2** An elephant's trunk can have up to how many muscles?

- a) 4,000
- b) 40,000
- c) 400.000



**3** True or false? Rosh Hashanah means "end of the year."



**4** What unusual pet does 13-year-old Lacey Shillinglaw have in Coventry, England?

**5** In what year were cabinet cards introduced in the US?

- a) 1796 b) 1866 c) 1926
- a b c

**6** Where will NASA's new recruits pretend to live for a year?

- a) The Moon
- b) Venus
- c) Mars



**7** How many species of birds can be unlocked in SkateBIRD?

a) 10 b) 20 c) 30



**8** True or false? Carrots contain a nutrient that can help with memory.

True False











**9** What name did scientists give the woolly mammoth that traveled 43,500 miles?

**10** In which US state does Peyton Elizabeth Lee's new TV series take place?

- **11** Apes might do which of the following to greet one another?
- a) Butt heads
- b) Wave their hands
- c) Jump up and down



**12** How many items are contained in a new time capsule created in Richmond, Virginia?

a) 39 b) 45 c) 5

а	h	r	

**13** In which ocean was a new umbrella-shaped algae species discovered?

- a) Pacific
- b) Arctic
- c) Indian

_	h	_	
А	l n	(	

**14** True or false? The Perseverance rover collected a rock sample in August.

_		
True	False	

**15** What substance did Linda Christensen use to sculpt dairy princesses for the Minnesota State Fair?

### THE WEEK

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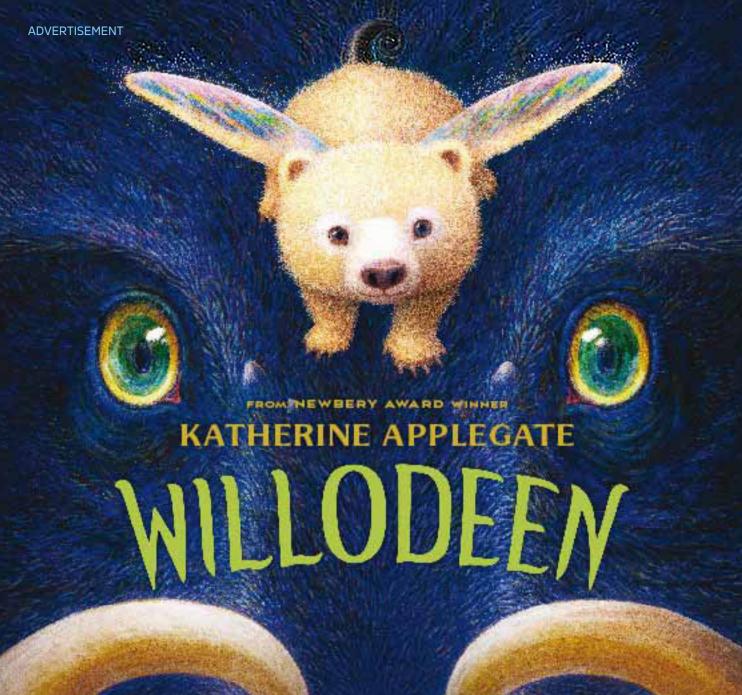
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Periodicals postage paid at New York, NY, and at additional mailing offices. POSTMASTERS: Send change of address to *The Week Junior*, PO BOX 37595, Boone, IA 50037-7595.







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